| Ref<br>#  | Hits | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp       |
|-----------|------|---|--|---------------------|---------|------------------|
| L6        | 23   | ("restriction enzyme" endonuclease) near5 ("interrupted palindrome" "interrupted palindromic")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR                  | ON      | 2005/12/15 07:24 |
| S1        | 20   | US-5831070-\$.DID. OR<br>US-5837832-\$.DID. OR<br>US-6040138-\$.DID. OR<br>US-6132965-\$.DID. OR<br>US-6183957-\$.DID. OR<br>US-6228575-\$.DID. OR<br>US-6300063-\$.DID. OR<br>US-6309823-\$.DID. OR<br>US-6355782-\$.DID. OR<br>US-6361947-\$.DID.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR                  | ON      | 2005/12/12 13:30 |
| S2        | 34   | US-5143854-\$.DID. OR US-5252743-\$.DID. OR US-5384261-\$.DID. OR US-5405783-\$.DID. OR US-5412087-\$.DID. OR US-5412087-\$.DID. OR US-5424186-\$.DID. OR US-5445934-\$.DID. OR US-5501964-\$.DID. OR US-5510270-\$.DID. OR US-5571639-\$.DID. OR US-5578832-\$.DID. OR US-5578832-\$.DID. OR US-5601976-\$.DID. OR US-5677195-\$.DID. OR US-5714354-\$.DID. OR US-5731734-\$.DID. OR US-5759822-\$.DID. OR | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR                  | ON      | 2005/12/12 13:26 |
| <b>S3</b> | 23   | PATIL-NILA  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR                  | ON      | 2005/12/12 15:01 |
| 54        | 39   | (("double-strand" "double-stranded") near3 ("nucleic acid" DNA)) near3 ("single-strand overhang" "single-strand overhangs" "single-stranded overhangs" "single-stranded overhangs")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR                  | ON      | 2005/12/12 12:51 |
| S5        | 2    | S4 same ("ligate linker")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR                  | ON      | 2005/12/12 12:45 |

| S6  | 10    | S4 and "type IIs"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 12:45 |
|-----|-------|--|--|----|----|------------------|
| S7  | 29    | S4 and linker  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 12:48 |
| S8  | 31457 | ("nucleic acid" DNA RNA<br>\$6nucleo\$6) with ((complexity) and<br>(reduce))                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 12:52 |
| S9  | 2656  | ("nucleic acid" DNA RNA<br>\$6nucleo\$6) with ((complexity) and<br>(reduc\$4))                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 12:55 |
| S10 | 784   | S8 and "type IIs"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 12:55 |
| S11 | 592   | S10 and (PCR "polymerase chain reaction")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 12:53 |
| S12 | 432   | S11 and ("ligate linker" linker)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 12:58 |
| S13 | 1     | ("nucleic acid" DNA RNA<br>\$6nucleo\$6) with ((complexity) and<br>(reduc\$4)) near10 "type IIs" | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 12:58 |
| S14 | 1     | ("5612180").PN. OR ("6509160").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                     | OR | ON | 2005/12/12 12:57 |
| S15 | 1     | S11 and ("ligate linker")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 12:58 |

|     | -   | (1)   | T  | T  | I _ |                  |
|-----|-----|---|--|----|-----|------------------|
| S16 | 1   | ("nucleic acid" DNA RNA<br>\$6nucleo\$6) with ((complexity) and<br>(reduc\$4)) near10 palindrom\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON  | 2005/12/12 12:59 |
| S17 | 321 | ("nucleic acid" DNA RNA<br>\$6nucleo\$6) with ((complexity) and<br>(reduc\$4)) and palindrom\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON  | 2005/12/12 13:01 |
| S18 | 316 | S17 AND (PCR amplif\$8 "polymerase chain reaction") AND (digest\$4 cut\$4 cleav\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON  | 2005/12/12 13:01 |
| S19 | 9   | ("nucleic acid" DNA RNA<br>\$6nucleo\$6) with ((complexity) and<br>(reduc\$4)) and (palindrom\$4 near4<br>interrupted)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON  | 2005/12/13 12:02 |
| S20 | 27  | ("4725537"   "4752566"   "4766062"   "4766065"   "5270185"   "5314801"   "5348853"   "5352580"   "5389515"   "5445933"   "5508169"   "5512458"   "5552278"   "5599675"   "5700644"   "5707807"   "5710000"   "5728524"   "5824481").PN. OR ("5994068").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                     | OR | ON  | 2005/12/12 13:03 |
| S21 | 34  | US-5143854-\$.DID. OR US-5252743-\$.DID. OR US-5384261-\$.DID. OR US-5405783-\$.DID. OR US-5412087-\$.DID. OR US-5424186-\$.DID. OR US-5424186-\$.DID. OR US-5445934-\$.DID. OR US-5501964-\$.DID. OR US-5510270-\$.DID. OR US-5538869-\$.DID. OR US-5571639-\$.DID. OR US-5578832-\$.DID. OR US-5593839-\$.DID. OR US-5593839-\$.DID. OR US-5601976-\$.DID. OR US-5677195-\$.DID. OR US-5714354-\$.DID. OR US-5731734-\$.DID. OR US-5759822-\$.DID. OR US-5759822-\$.DID. OR | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON  | 2005/12/12 13:26 |
| S22 | 1   | S21 and "type II"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON  | 2005/12/12 13:27 |

| S23 | 5  | S21 and ("restriction enzyme" endonuclease)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 13:27 |
|-----|----|---|--|----|----|------------------|
| S24 | 20 | US-5831070-\$.DID. OR<br>US-5837832-\$.DID. OR<br>US-6040138-\$.DID. OR<br>US-6132965-\$.DID. OR<br>US-6183957-\$.DID. OR<br>US-6228575-\$.DID. OR<br>US-6300063-\$.DID. OR<br>US-6309823-\$.DID. OR<br>US-6355782-\$.DID. OR | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 13:30 |
| S25 | 3  | S24 and "type II"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 13:32 |
| S26 | 2  | "6503717".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 13:33 |
| S27 | 2  | "6372436".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 13:34 |
| S28 | 1  | wo-200024939-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 13:35 |
| S29 | 0  | wo-9955913.pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 13:35 |
| S30 | 1  | wo-9955913-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 13:36 |
| S31 | 0  | 20040081996-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 13:36 |

|     |    |   |   | Γ  |    |                  |
|-----|----|---|---|----|----|------------------|
| S32 | 2  | US-20040081996-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT      | OR | ON | 2005/12/12 13:37 |
| S33 | 4  | "6703228".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT      | OR | ON | 2005/12/12 13:38 |
| S34 | 1  | "wo-9729212-\$.did.;"<br>"wo-9710365-\$.did.;"<br>"wo-9511995-\$.did.;"<br>wo-9309668-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT      | OR | ON | 2005/12/12 13:39 |
| S35 | 4  | wo-9729212-\$.did. wo-9710365-\$.<br>did. wo-9511995-\$.did.<br>wo-9309668-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT      | OR | ON | 2005/12/12 13:39 |
| S36 | 4  | ep-0717113-\$.did. ep-0950720-\$.<br>did. wo-2003010328-\$.did.<br>wo-200018960-\$.did.<br>wo-9856954-\$.did. wo-9727317-\$.<br>did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT      | OR | ON | 2005/12/12 13:41 |
| S37 | 0  | ep-0717113-\$.did. ep-0950720-\$.<br>did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/12/12 13:41 |
| S38 | 0  | ep-0717113-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/12/12 13:42 |
| S39 | 1  | "6361947".pn.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/12/12 14:35 |
| S40 | 20 | ("4683195"   "4683202"   "4800159"   "5487985"   "5512439"   "5710000"   "5712127"   "5763239"   "5837832"   "5851770"   "5858656"   "5876929"   "6001574"   "6004783"   "6013445"   "6027877"   "6027945"   "6033861"   "6060240"   "6060245").PN. OR ("6361947"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/12/12 14:52 |
| S41 | 3  | S40 and ("type IIs")  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/12/12 14:53 |

| S42 | 3    | S40 and ("type IIs") and (palindrom\$3)   | US-PGPUB;<br>USPAT;<br>USOCR                     | OR | ON | 2005/12/12 14:53 |
|-----|------|---|--|----|----|------------------|
| S43 | 31   | COX-DAVID-R   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 15:02 |
| S44 | 2    | PETHIYAGODA-CHARIT  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 15:03 |
| S45 | 16   | SPARKS-ANDREW-B<br>SPARKS-ANDREW  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 15:03 |
| S46 | 30   | CHEN-HUANG-TSU<br>CHEN-HUANG-TSUN CHEN-HUANG  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 15:04 |
| S47 | 2    | S46 and "435".clas.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/12 15:04 |
| S48 | 1    | wo-200024939-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/13 08:18 |
| S49 | 1    | wo-200024939-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/13 08:18 |
| S50 | 4397 | ("nucleic acid" DNA RNA<br>\$6nucleo\$6) with ((complexity) and<br>(reduc\$5 manag\$6 enrich\$6<br>select\$4 decreas\$4)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/13 12:05 |
| S51 | 3877 | S50 and (PCR "polymerase chain reaction")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/13 12:04 |

| S52 | 936 | (("nucleic acid" DNA RNA<br>\$6nucleo\$6) with ((complexity) and<br>(reduc\$5 manag\$6 enrich\$6<br>select\$4 decreas\$4)) same (PCR<br>"polymerase chain reaction"<br>amplif\$8)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/13 12:06 |
|-----|-----|--|--|----|----|------------------|
| S53 | 697 | S52 and ("restriction enzyme" endonuclease)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/15 07:23 |
| S54 | 104 | S52 and ("type IIs")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/13 12:08 |
| S55 | 97  | S52 and (palindrom\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/13 12:37 |
| S56 | 39  | S52 and (("restriction enzyme" endonuclease) near3 "type IIs")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/13 12:10 |
| S57 | 9   | S52 and ("interrupted palindrome" "interrupted palindromic")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2005/12/13 12:38 |
| S58 | 1   | "6361947".pn.  | USPAT  | OR | ON | 2005/12/14 16:56 |

| _   |   | Results |
|-----|---|---------|
| 18. | pub-date > 1989 and FULL-TEXT((interrupted palindrome or interrupted palindromic)) [All Sources(- All Sciences -)]  | 68      |
| 17. | pub-date > 1989 and FULL-TEXT(("interrupted palindrome" or "interrupted palindromic")) [All Sources(- All Sciences -)]  | 0       |
| 16. | pub-date > 1989 and FULL-TEXT(complexity) and FULL-TEXT(("interrupted palindrome" or "interrupted palindromic")) [All Sources(- All Sciences -)]  | 0       |
| 15. | pub-date > 1989 and FULL-TEXT(complexity AND (reduc! or manag! or decreas! or enrich! or select!) ) and FULL-TEXT(("interrupted palindrome" or "interrupted palindromic")) [All Sources(- All Sciences -)]                      | 0       |
| 14. | pub-date > 1989 and FULL-TEXT(complexity AND (reduc! or manag! or decreas! or enrich! or select!) ) and FULL-TEXT(type IIs) [All Sources(- All Sciences -)]   | 52      |
| 13. | pub-date > 1989 and pub-date < 2004 and AUTHORS(Vogelstein) and TITLE-ABSTR-KEY (SAGE) [All Sources(- All Sciences -)]  | 5       |
| 12. | pub-date > 1989 and pub-date < 2004 and FULL-TEXT(complexity AND (reduc! or manag! or decreas! or enrich! or select!) ) and FULL-TEXT(type IIs) [All Sources(- All Sciences -)]   | 42      |
| 11. | pub-date > 1989 and FULL-TEXT(complexity AND (reduc! or manag! or decreas! or enrich! or select!) ) and FULL-TEXT(type IIs) [All Sources(- All Sciences -)]   | 52      |
| 10. | pub-date > 1989 and TITLE-ABSTR-KEY(complexity AND (reduc! or manag! or decreas! or enrich! or select!) ) and FULL-TEXT(type IIs) [All Sources(- All Sciences -)]   | 1       |
| 9.  | pub-date > 1989 and TITLE-ABSTR-KEY(complexity AND (reduc! or manag! or decreas! or enrich! or select!) ) and TITLE-ABSTR-KEY(type IIs) [All Sources(- All Sciences -)]   | 0       |
| 8.  | pub-date > 1989 and TITLE-ABSTR-KEY(complexity AND (reduc! or manag! or decreas! or enrich! or select!) ) and TITLE-ABSTR-KEY("type IIs")  [All Sources(- All Sciences -)]  | 0       |
| 7.  | pub-date > 1989 and TITLE-ABSTR-KEY(complexity AND (reduc! or manag! or decreas! or enrich! or select!) and TITLE-ABSTR-KEY((DNA or RNA or "nucleic acid" or "polynucleotide") AND "type IIs")  [All Sources(- All Sciences -)] | 0       |
| 6.  | pub-date > 1989 and TITLE-ABSTR-KEY(complexity AND (reduc! or manag! or decreas! or enrich! or select!) ) and TITLE-ABSTR-KEY((DNA or RNA or "nucleic acid" or "polynucleotide"))  [All Sources(- All Sciences -)]              | 1321    |
| 5.  | pub-date > 1989 and FULL-TEXT(complexity AND (reduc! or manag! or decreas! or enrich! or select!) AND (DNA or RNA or "nucleic acid" or "polynucleotide") ) and FULL-TEXT ("type IIs")  [All Sources(- All Sciences -)]          | 0       |
| 4.  | pub-date > 1989 and TITLE-ABSTR-KEY(complexity AND (reduc! or manag! or decreas! or enrich! or select!) AND (DNA or RNA or "nucleic acid" or "polynucleotide") ) and FULL-TEXT("type IIs") [All Sources(- All Sciences -)]      | 0       |
| 3.  | pub-date > 1989 and TITLE-ABSTR-KEY(complexity AND (reduc! or manag! or decreas!  | 0       |

| Scien | nceDirect - Search History  | Page 2 of 2 |
|-------|---|-------------|
|       | or enrich! or select!) AND (DNA or RNA or "nucleic acid" or "polynucleotide") ) and FULL-TEXT("type IIs" AND (endonuclease or enzyme)) [All Sources(- All Sciences -)]  |             |
| 2.    | pub-date > 1989 and TITLE-ABSTR-KEY(complexity AND (reduc! or manag! or decreas! or enrich! or select!)) and TITLE-ABSTR-KEY((DNA or RNA or "nucleic acid" or "polynucleotide"))  [All Sources(- All Sciences -)] | 1321        |
| 1.    | pub-date > 1989 and pub-date < 2002 and TITLE-ABSTR-KEY("carbon dating" or "radiocarbon dating") and FULL-TEXT(enamel)  [All Sources(- All Sciences -)]   | 5           |

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